

1 11. (AMENDED) A machine readable medium having embodied thereon a  
2 computer program for processing by a machine, [the computer program determining optimal  
3 values of design parameters of a subsystem to meet design constraints, the subsystem  
4 comprising a plurality of circuits,] the computer program comprising:

5 (a) a first code segment for creating parameter functions for a plurality of  
6 circuits in a subsystem, the subsystem having design constraints, each one of the  
7 parameter functions corresponding to each one of the circuits [the corresponding  
8 circuits], the parameter functions representing a relationship among the design  
9 parameters; and

10 (b) a second code segment for optimizing [the] design parameters based on  
11 the parameter functions to satisfy the design constraints.

1 21. (AMENDED) A system comprising:

2 a computer system [for determining optimal values of design parameters of a  
3 subsystem to meet design constraints, the subsystem comprising a plurality of  
4 circuits]; and

5 a design environment incorporated in the computer for providing tools to  
6 facilitate determining [the] optimal values of [the] design parameters of a subsystem to  
7 satisfy design constraints, the subsystem having a plurality of circuits.

1           22.    (AMENDED) The system of claim 21 wherein the computer system  
2 comprises:

3                   a memory for storing program instructions;

4                   a processor coupled to the memory for executing the program instructions, the  
5 program instructions when executed by the processor interacting with the tools  
6 provided by the design environment to at least

7                   (a)    create parameter functions for the plurality of circuits in the  
8                   subsystem, the subsystem having design constraints, each one of the parameter  
9                   functions corresponding to each one of the circuits [the corresponding circuits],  
10                  the parameter functions representing a relationship among the design  
11                  parameters, and

12                  (b)    optimize the design parameters based on the parameter  
13                  functions to satisfy the design constraints.

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